

# INFORMATION DISCLOSURE CITATION

PTO-1449


 ATTY. DOCKET NO.  
16904-727

 APPLICATION NO.  
09/003,098

 TITLE  
METHOD AND APPARATUS FOR CONTROLLED  
CONTRACTION OF COLLAGEN TISSUE

 APPLICANT  
Edward W. Knowlton

 FILING DATE  
January 6, 1998

 GROUP 5 1998  
3731

## U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
<i>Jm</i>	RE 32,849	1/89	Wei, et al.	204	192.27	6/2/85
<i>Jm</i>	3,831,604	8/74	Neeffe	428	260	9/19/73
<i>Jm</i>	4,074,718	11/78	Morrison	428	303.14	3/17/76
<i>Jm</i>	4,140,130	2/79	Storm, III	128	404	5/31/77
<i>Jm</i>	4,164,226	8/79	Tapper	128	419 R	6/13/77
<i>Jm</i>	4,290,435	8/81	Waggott	128	800	9/7/78
<i>Jm</i>	4,343,301	8/82	Indech	128	24	10/4/79
<i>Jm</i>	4,346,715	8/82	Gammell	128	422	5/13/80

## FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No
<i>Jm</i>	96/34568	11/96	PCT				
<i>Jm</i>	92/19414	11/92	PCT				
<i>Jm</i>	0 519 415	12/92	Europe				
<i>Jm</i>	31 21 683	12/82	Germany				X
<i>Jm</i>	1 949 534	4/70	Germany				X
<i>Jm</i>	2 609 245	7/88	France				X

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>Jm</i>	Allain, et al. "Isometric Tensions Developed During the Hydrothermal Swelling of Rat Skin", Connective Tissue Research, vol 7, pp. 697-701, (1990).
<i>Jm</i>	Danielson, C. "Age-Related thermal stability and susceptibility to proteolysis of rat bone collagen", ...chem, Great Britain, pp. 697-701, (1990).
<i>Jm</i>	Danielson, C. "Thermal stability of reconstituted collagen fibrils, shrinkage characteristics upon in vitro maturation", Mechanisms of Ageing and Development, Vol 15, pp. 269-278, (1981).
<i>Jm</i>	Kronick, et al. "The locations of collagens with different thermal stabilities in fibrils of bovine recticular dermis". Connective Tissue Research, Vol. 18, pp. 123-134, (1988).
<i>Jm</i>	Mainster, M.A. "Ophthalmic applications of infrared lasers - thermal considerations", Visual Sci., pp. 414-420, April 1979.
<i>Jm</i>	Pearce, et al. "Kinetic models of laser-tissue fusion processes", ISA, paper #93-044, pp. 355-360, (1993)..

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<i>dm</i>	4,375,220	03/5/83	Matvias	428	804	5/9/80
<i>dm</i>	4,381,007	4/83	Doss	128	303.1	4/30/81
<i>dm</i>	4,441,486	4/84	Pounds	128	24	10/27/81
<i>dm</i>	4,545,368	10/85	Rand, et al.	128	1.3	4/13/83
<i>dm</i>	4,676,258	6/87	Inokuchi, et al.	128	804	6/5/86
<i>dm</i>	4,709,701	12/87	Weber	128	422	4/14/86
<i>dm</i>	4,881,543	11/89	Trembly, et al.	128	303.1	6/28/88
<i>dm</i>	4,887,614	12/89	Shirakami, et al.	128	798	4/18/89
<i>dm</i>	4,889,122	12/89	Watmough et al.	128	399	4/11/88
<i>dm</i>	4,944,302	7/90	Hernandez et al.	128	798	4/18/89

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## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>dm</i>	Adrian, R. M. "Treatment of Facial Telangiectasia Using the VersaPulse® Variable Pulse Width Frequency Doubled Neodymium:YAG Laser: A Case Report.
<i>dm</i>	Chess, C.; Chess, Q. "Cool Laser Optics Treatment of Large Telangiectasia of the Lower Extremities." <i>J. Dermatol Surg Oncol.</i> 1993; 19:74-80.
<i>dm</i>	Coulson, W. F. et al. "Nonablative Laser Treatment of Facial Rhytides: Animal Study." Abstract for BiOS '98 Symposium Conference: bo05 - Cutaneous Applications of Lasers, 24-30 January 1998, San Jose, CA.
<i>dm</i>	Kincade, K. "Demand for Laser Resurfacing Soars: Quicker Healing, Less Risk of Scarring" <i>Dermatology Times.</i> 1995. 16(10)
<i>dm</i>	Fitzpatrick, R. "Treatment of Wrinkles with the UltraPulse CO <sub>2</sub> Laser."
<i>dm</i>	Laser Aesthetics, Inc. "The Cool Touch Laser." Brochure.
<i>dm</i>	Laser Aesthetics, Inc. "Cool Touch Model 130 Technical Specifications." Brochure.
<i>dm</i>	National Health Communications, Inc. "New Laser Eliminates 'Lipstick Bleed'" Press Release July 1993.
<i>dm</i>	

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<i>dm</i>	4,957,480	9/90	Morenings	<del>604</del>	<del>20</del>	2/2/88
<i>dm</i>	4,962,761	10/90	Golden	<del>128</del>	<del>400</del>	5/4/89
<i>dm</i>	4,976,709	12/10/90	Sand	<del>606</del>	<del>5</del>	6/30/89
<i>dm</i>	5,003,991	4/91	Takayama, et al.	<del>128</del>	<del>784</del>	3/24/88
<i>dm</i>	5,133,351	7/92	Masaki	<del>128</del>	<del>419 R</del>	3/14/90
<i>dm</i>	5,143,063	9/92	Fellner	<del>428</del>	<del>399</del>	2/9/88
<i>dm</i>	5,186,181	2/93	Franconi, et al.	<del>128</del>	<del>804</del>	7/27/90
<i>dm</i>	5,190,517	3/93	Zieve, et al.	<del>604</del>	<del>22</del>	6/6/91
<i>dm</i>	5,230,334	7/93	Klopotek	<del>128</del>	<del>399</del>	1/22/92
<i>dm</i>	5,249,575	10/93	DiMino, et al.	<del>607</del>	<del>150</del>	10/21/91
<i>dm</i>	5,282,797	2/94	Chess	<del>606</del>	<del>9</del>	5/28/91
<i>dm</i>	5,304,169	4/94	Sand	<del>606</del>	<del>5</del>	8/17/92
<i>dm</i>	5,315,994	5/94	Guibert, et al.	<del>607</del>	<del>101</del>	3/5/93
<i>dm</i>	5,334,193	8/94	Nardella	<del>606</del>	<del>41</del>	11/13/92
<i>dm</i>	5,342,357	8/94	Nardella	<del>606</del>	<del>40</del>	11/13/92
<i>dm</i>	5,348,554	9/94	Imran, et al.	<del>606</del>	<del>41</del>	12/1/92
<i>dm</i>	5,370,642	12/94	Keller	<del>606</del>	<del>9</del>	8/2/93
<i>dm</i>	5,374,265	12/94	Sand	<del>606</del>	<del>5</del>	8/6/92

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<i>dm</i>	5,366,443	11/94	Eggers, et al.			
<i>dm</i>	5,697,909	12/97	Eggers, et. al.			
<i>dm</i>	5,697,882	12/97	Eggers, et al.			
<i>dm</i>	5,697,536	12/97	Eggers, et al.			
<i>dm</i>	5,697,281	12/97	Eggers, et al.			
<i>dm</i>	5,693,045	12/97	Eggers			
<i>dm</i>	5,692,058	11/97	Eggers, et al.			
<i>dm</i>	5,683,366	11/97	Eggers, et al.			
<i>dm</i>	5,681,282	10/97	Eggers, et al.			

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						Yes	No
<i>dm</i>	266678	12/97	New Zealand				
<i>dm</i>	98/03220	1/98	PCT				
<i>dm</i>	68/03117	1/98	PCT				
<i>dm</i>	97/18768	5/97	PCT				
<i>dm</i>	97/18765	5/97	PCT				
<i>dm</i>	96/39914	12/96	PCT				
<i>dm</i>	96/32051	10/96	PCT				
<i>dm</i>	96/27327	9/96	PCT				
<i>dm</i>	96/27240	9/96	PCT				
<i>dm</i>	94/26228	11/94	PCT				
<i>dm</i>	93/13816	7/93	PCT				

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